

Table 4-30 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	CM-Cho (mg/dL)						
		-7	15	28	42	56	75	83
1	1	1	1	1	1	2	1	1
	2	1	1	1	1	2	1	1
	3	1	3	3	1	1	1	1
	4	2	1	2	1	1	1	2
	5	1	1	1	1	0	1	2
	6	1	1	1	2	1	1	1
	Mean	1.2	1.3	1.5	1.2	1.2	1.0	1.3
±S.D.	0.4	0.8	0.8	0.4	0.8	0.0	0.5	
2	7	1	0	1	3	0	1	1
	8	1	2	2	1	0	1	1
	9	1	2	1	1	0	1	0
	10	1	1	0	1	0	2	1
	11	1	0	1	1	1	1	1
	12	1	2	2	2	2	0	1
	Mean	1.0	1.2	1.2	1.5	0.5	1.0	0.8*
±S.D.	0.0	1.0	0.8	0.8	0.8	0.6	0.4	
3	13	2	1	0	0	1	1	0
	14	0	1	2	0	1	0	1
	15	1	2	1	1	2	2	2
	16	1	2	1	1	1	1	1
	17	1	1	1	1	2	2	2
	18	1	1	0	1	1	1	1
	Mean	1.0	1.3	0.8	0.7*	1.3	1.2	1.2
±S.D.	0.6	0.5	0.8	0.5#	0.5#	0.8	0.8	

Note) CM-Cho : Chylomicron-Cholesterol

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-31 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	HDL-TGL (%)						
		-7	15	28	42	56	75	83
1	1	18	22	28	18	29	21	14
	2	21	14	23	12	22	19	13
	3	20	19	26	19	25	15	12
	4	18	15	18	17	21	20	24
	5	20	10	14	11	16	8	11
	6	22	24	11	13	26	11	19
	Mean ±S.D.	19.8 1.6	17.3 5.3	20.0 6.8	15.0 3.4	23.2 4.5	15.7 5.3	15.5 5.0
2	7	22	35	15	11	15	20	15
	8	13	19	18	11	12	17	18
	9	16	15	25	20	11	14	8
	10	24	20	18	15	16	16	12
	11	24	17	14	24	13	15	9
	12	30	32	18	9	11	18	13
	Mean ±S.D.	21.5 6.1	23.0 8.4	18.0 3.8	15.0 5.9	13.0** 2.1	16.7 2.2	12.5 3.7
3	13	26	31	22	18	11	21	17
	14	16	20	16	11	13	16	17
	15	16	12	20	10	13	9	10
	16	20	13	21	17	12	14	12
	17	20	15	20	16	7	7	7
	18	24	29	22	13	24	16	13
	Mean ±S.D.	20.3 4.1	20.0 8.2	20.2 2.2	14.2 3.3	13.3** 5.7	13.8 5.1	12.7 3.9

Note) HDL-TGL(%) : High density lipoprotein-Triglycerides ratio

** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-32 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	LDL-TGL (%)						
		-7	15	28	42	56	75	83
1	1	33	16	17	20	22	24	21
	2	20	18	23	28	38	22	22
	3	39	28	30	27	25	21	20
	4	24	22	27	15	26	22	17
	5	35	12	26	22	11	10	25
	6	31	21	26	26	3	26	20
	Mean	30.3	19.5	24.8	23.0	20.8	20.8	20.8
±S.D.	7.1	5.5	4.4	5.0	12.3	5.6	2.6	
2	7	33	21	31	32	28	21	20
	8	30	32	26	31	21	21	30
	9	20	28	32	21	16	28	17
	10	30	24	24	22	15	24	22
	11	30	20	30	18	16	23	19
	12	25	24	32	18	19	28	23
	Mean	28.0	24.8*	29.2*	23.7	19.2	24.2	21.8
±S.D.	4.7	4.5	3.4	6.3	4.9	3.2	4.5	
3	13	28	22	28	18	19	23	20
	14	13	31	24	20	17	29	24
	15	29	20	31	17	27	19	32
	16	32	26	30	19	25	27	33
	17	21	27	29	25	26	21	23
	18	32	24	30	23	22	24	22
	Mean	25.8	25.0*	28.7*	20.3	22.7	23.8	25.7*
±S.D.	7.5	3.9	2.5	3.1	4.0	3.7	5.5	

Note) LDL-TGL(%) : Low density lipoprotein-Triglycerides ratio

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-33 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	VLDL-TGL (%)						
		-7	15	28	42	56	75	83
1	1	42	53	45	59	41	49	57
	2	43	58	48	48	35	52	57
	3	33	38	37	47	39	57	60
	4	49	55	44	63	38	50	51
	5	39	64	52	61	64	79	59
	6	46	41	54	52	59	59	57
	Mean	42.0	51.5	46.7	55.0	46.0	57.7	56.8
±S.D.	5.6	10.1	6.1	6.9	12.3	11.2	3.1	
2	7	39	34	39	47	48	54	55
	8	44	20	30	40	58	53	40
	9	60	23	30	45	57	46	68
	10	37	42	47	58	65	50	57
	11	35	49	34	54	55	39	44
	12	39	31	35	65	59	46	57
	Mean	42.3	33.2**	35.8**	51.5	57.0*	48.0*	53.5
±S.D.	9.2	11.1	6.4	9.2	5.5	5.5	10.1	
3	13	43	34	41	57	62	49	58
	14	65	36	24	52	63	38	51
	15	50	45	39	66	54	59	51
	16	42	31	36	53	53	52	49
	17	53	28	36	51	40	48	51
	18	38	33	33	60	42	42	49
	Mean	48.5	34.5**	34.8**	56.5	52.3	48.0	51.5**
±S.D.	9.8	5.8	6.0	5.8	9.7	7.4	3.3	

Note) VLDL-TGL(%): Very low density lipoprotein-Triglycerides ratio

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-34 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	CM-TGL (%)						
		-7	15	28	42	56	75	83
1	1	7	9	10	3	8	6	8
	2	16	10	6	12	5	7	8
	3	8	15	7	7	11	7	8
	4	9	8	11	5	15	8	8
	5	6	14	8	6	9	3	5
	6	1	14	9	9	12	4	4
	Mean ±S.D.	7.8 4.9	11.7 3.0	8.5 1.9	7.0 3.2	10.0 3.5	5.8 1.9	6.8 1.8
2	7	6	10	15	10	9	5	10
	8	13	29	26	18	9	9	12
	9	4	34	13	14	16	12	7
	10	9	14	11	5	4	10	9
	11	11	14	22	4	16	23	28
	12	6	13	15	8	11	8	7
	Mean ±S.D.	8.2 3.4	19.0 9.9	17.0** 5.8	9.8 5.4	10.8 4.6	11.2* 6.2	12.2 8.0
3	13	3	13	9	7	8	7	5
	14	6	13	36	17	7	17	8
	15	5	23	10	7	6	13	7
	16	6	30	13	11	10	7	6
	17	6	30	15	8	27	24	19
	18	6	14	15	4	12	18	16
	Mean ±S.D.	5.3 1.2	20.5* 8.3	16.3 10.0	9.0 4.5	11.7 7.8	14.3* 6.7	10.2 5.8

Note) CM-TGL(%) : Chylomicron-Triglycerides ratio

* P<0.05 , ** P<0.01 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-35 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	HDL-TGL (mg/dL)						
		-7	15	28	42	56	75	83
1	1	4	6	10	6	14	5	5
	2	4	5	9	5	4	6	5
	3	2	4	9	7	10	7	6
	4	3	3	4	4	6	4	6
	5	2	6	6	5	12	6	6
	6	5	9	6	3	10	5	8
	Mean	3.3	5.5	7.3	5.0	9.3	5.5	6.0
	±S.D.	1.2	2.1	2.3	1.4	3.7	1.0	1.1
2	7	3	6	3	3	7	8	6
	8	3	6	8	5	5	7	4
	9	3	10	6	6	6	4	4
	10	4	6	7	5	6	6	4
	11	3	6	8	8	8	5	5
	12	6	8	7	5	4	5	4
	Mean	3.7	7.0	6.5	5.3	6.0*	5.8	4.5*
	±S.D.	1.2	1.7	1.9	1.6	1.4	1.5	0.8
3	13	4	5	6	5	6	6	6
	14	5	8	8	7	7	6	6
	15	4	7	7	5	6	5	4
	16	4	3	8	6	6	4	4
	17	4	3	6	5	5	4	4
	18	4	6	6	5	10	5	6
	Mean	4.2	5.3	6.8	5.5	6.7	5.0	5.0
	±S.D.	0.4	2.1	1.0	0.8	1.8	0.9	1.1

Note) HDL-TGL : High density lipoprotein-Triglycerides

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-36 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	LDL-TGL (mg/dL)						
		-7	15	28	42	56	75	83
1	1	7	5	6	6	11	6	7
	2	4	6	9	11	8	7	9
	3	4	5	11	10	10	9	9
	4	4	4	6	4	7	4	4
	5	4	7	12	11	8	8	12
	6	7	8	14	7	1	11	9
	Mean	5.0	5.8	9.7	8.2	7.5	7.5	8.3
±S.D.	1.5	1.5	3.3	2.9	3.5	2.4	2.7	
2	7	4	4	7	9	14	8	7
	8	6	9	12	13	8	9	6
	9	4	18	8	7	8	8	9
	10	5	7	9	7	6	9	8
	11	4	7	18	6	10	8	11
	12	5	6	12	11	7	8	7
	Mean	4.7	8.5	11.0	8.8	8.8	8.3	8.0
±S.D.	0.8	4.9	4.0	2.7	2.9	0.5	1.8	
3	13	4	4	7	5	10	7	7
	14	4	12	12	12	9	10	8
	15	7	11	11	9	12	11	12
	16	6	5	11	7	13	8	11
	17	4	6	9	7	19	10	12
	18	5	5	9	9	9	8	11
	Mean	5.0	7.2	9.8	8.2	12.0*	9.0	10.2
±S.D.	1.3	3.4	1.8	2.4	3.8	1.5	2.1#	

Note) LDL-TGL : Low density lipoprotein-Triglycerides

* P<0.05 : Significantly different from group 1.

P<0.05 : Significantly different from group 2.

Table 4-37 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	VLDL-TGL (mg/dL)						
		-7	15	28	42	56	75	83
1	1	9	15	16	19	20	12	20
	2	8	19	19	19	7	18	22
	3	4	7	13	17	16	25	28
	4	8	11	9	16	11	9	12
	5	5	37	23	30	49	59	30
	6	10	16	28	14	23	24	25
	Mean	7.3	17.5	18.0	19.2	21.0	24.5	22.8
±S.D.	2.3	10.4	6.9	5.6	14.9	18.1	6.5	
2	7	5	6	8	14	24	21	20
	8	9	6	14	17	23	23	8
	9	12	15	8	14	29	13	35
	10	7	12	17	19	26	20	21
	11	5	18	20	17	35	13	25
	12	7	7	14	40	22	12	17
	Mean	7.5	10.7	13.5	20.2	26.5	17.0	21.0
±S.D.	2.7	5.1	4.8	9.9	4.8	4.9	8.9	
3	13	6	6	10	15	32	15	20
	14	22	14	12	32	33	14	17
	15	12	25	14	35	23	34	18
	16	8	7	13	19	28	16	17
	17	11	6	11	15	30	24	27
	18	6	7	10	23	17	13	24
	Mean	10.8	10.8	11.7*	23.2	27.2	19.3	20.5
±S.D.	6.0	7.6	1.6	8.6	6.1	8.2	4.1	

Note) VLDL-TGL : Very low density lipoprotein-Triglycerides

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 4-38 Blood chemistry in male microminipigs

Study No. SBL703-024

Group	Animal No.\Day	CM-TGL (mg/dL)						
		-7	15	28	42	56	75	83
1	1	1	3	4	1	4	2	3
	2	3	3	2	5	1	2	3
	3	1	3	3	3	5	3	4
	4	2	2	2	1	4	1	2
	5	1	8	4	3	7	2	2
	6	0	5	5	2	5	2	2
	Mean	1.3	4.0	3.3	2.5	4.3	2.0	2.7
±S.D.	1.0	2.2	1.2	1.5	2.0	0.6	0.8	
2	7	1	2	3	3	4	2	4
	8	3	8	12	8	4	4	2
	9	1	22	3	4	8	3	4
	10	2	4	4	2	2	4	3
	11	2	5	13	1	10	8	16
	12	1	3	6	5	4	2	2
	Mean	1.7	7.3	6.8	3.8	5.3	3.8	5.2
±S.D.	0.8	7.5	4.5	2.5	3.0	2.2	5.4	
3	13	0	2	2	2	4	2	2
	14	2	5	18	11	4	6	3
	15	1	13	4	4	3	8	3
	16	1	6	5	4	5	2	2
	17	1	7	4	2	20	12	10
	18	1	3	4	2	5	6	8
	Mean	1.0	6.0	6.2	4.2	6.8	6.0*	4.7
±S.D.	0.6	3.9	5.9	3.5	6.5	3.8	3.4	

Note) CM-TGL : Chylomicron-Triglycerides

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 5 Necropsy in male microminipigs

Study No. SBL703-024

Findings	Group Animal No.	1						2						3						
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Heart																				
White striation, left coronary artery		-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-	-	-	-
Absence, left coronary artery		-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-	-	-
Epididymis																				
Cyst, head, left		P	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Femur																				
Fracture, right		-	-	-	-	-	-	-	-	-	-	-	-	-	-	P	-	-	-	-

Notes) - : No abnormal changes P : Non-graded changes

Table 6-2

Organ weight in male microminipigs

Study No. SBL703-024

Group	Animal No.	Liver g	Kidn.R g	Kidn.L g	Kidn.R&L g	Epid.R g	Epid.L g	Epid.R&L g	Prost. g	Sem.V. g	Omentum g	Mes.adip. g
1	1	302.6	34.1	34.4	68.5	9.4	11.0	20.4	5.6	112.9	27.9	74.0
	2	220.0	26.8	27.5	54.3	9.3	9.2	18.5	5.8	57.7	11.1	36.2
	3	268.3	29.6	29.6	59.2	9.3	9.6	18.9	7.2	101.5	9.8	34.8
	4	205.5	33.2	34.8	68.0	10.8	11.9	22.7	5.8	85.7	15.7	44.0
	5	387.2	36.7	37.5	74.2	7.6	8.4	16.0	6.4	60.9	21.3	62.3
	6	342.4	44.0	47.7	91.7	11.8	11.9	23.7	8.0	99.9	32.8	111.6
	Mean ±S.D.	287.67 70.47	34.07 5.99	35.25 7.11	69.32 13.08	9.70 1.44	10.33 1.48	20.03 2.85	6.47 0.95	86.43 22.75	19.77 9.27	60.48 29.39
2	7	460.1	40.9	39.8	80.7	8.6	8.6	17.2	4.5	87.1	82.7	217.5
	8	385.2	41.4	43.6	85.0	13.7	13.1	26.8	6.9	89.3	22.1	104.9
	9	416.6	51.5	55.4	106.9	10.7	11.7	22.4	9.5	111.5	40.0	104.4
	10	265.0	41.6	38.8	80.4	9.9	10.4	20.3	9.6	110.7	34.0	75.6
	11	228.4	31.0	29.9	60.9	10.1	10.3	20.4	8.1	43.6	16.0	55.1
	12	325.2	35.9	35.1	71.0	11.3	9.5	20.8	6.5	87.8	25.9	93.9
	Mean ±S.D.	346.75 89.84	40.38 6.85	40.43 8.68	80.82 15.43	10.72 1.72	10.60 1.60	21.32 3.17	7.52 1.96	88.33 24.66	36.78 24.05	108.57* 56.67
3	13	358.4	38.8	39.8	78.6	10.0	9.0	19.0	4.7	118.4	54.9	181.7
	14	303.2	43.3	43.2	86.5	7.7	8.0	15.7	6.3	100.8	38.6	65.4
	15	372.9	45.8	42.5	88.3	9.9	10.9	20.8	6.8	69.9	22.0	81.5
	16	244.2	32.3	34.2	66.5	13.1	13.9	27.0	8.6	111.2	20.0	106.0
	17	342.6	46.2	47.2	93.4	11.8	13.3	25.1	10.3	139.8	55.5	151.6
	18	352.9	38.9	40.0	78.9	13.1	13.5	26.6	9.0	315.5	29.1	77.6
	Mean ±S.D.	329.03 47.76	40.88* 5.30	41.15 4.34	82.03* 9.50	10.93 2.12	11.43 2.52	22.37 4.58	7.62 2.05	142.60 87.76	36.68* 15.75	110.63* 46.34

Notes) Kidn.R : Kidney (Right) Kidn.L : Kidney (Left) Kidn.R&L : Kidney (Right&Left)
Epid.R : Epididymis (Right) Epid.L : Epididymis (Left) Epid.R&L : Epididymis (Right&Left)
Prost. : Prostate Sem.V. : Seminal vesicle Omentum : Omentum
Mes.adip. : Mesenteric adipose tissue (including mesenteric lymph node)

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 6-4 Relative organ weight in male microminipigs

Study No. SBL703-024

Group	Animal No.	Liver g/kg	Kidn.R g/kg	Kidn.L g/kg	Kidn.R&L g/kg	Epid.R g/kg	Epid.L g/kg	Epid.R&L g/kg	Prost. g/kg	Sem.V. g/kg	Omentum g/kg	Mes.adip. g/kg
1	1	18.45	2.08	2.10	4.18	0.57	0.67	1.24	0.34	6.9	1.7	4.5
	2	16.92	2.06	2.12	4.18	0.72	0.71	1.42	0.45	4.4	0.9	2.8
	3	23.96	2.64	2.64	5.29	0.83	0.86	1.69	0.64	9.1	0.9	3.1
	4	14.27	2.31	2.42	4.72	0.75	0.83	1.58	0.40	6.0	1.1	3.1
	5	24.66	2.34	2.39	4.73	0.48	0.54	1.02	0.41	3.9	1.4	4.0
	6	18.21	2.34	2.54	4.88	0.63	0.63	1.26	0.43	5.3	1.7	5.9
	Mean	19.412	2.295	2.368	4.663	0.663	0.707	1.368	0.445	5.93	1.28	3.90
±S.D.	4.080	0.212	0.219	0.428	0.128	0.121	0.245	0.103	1.89	0.37	1.17	
2	7	22.44	2.00	1.94	3.94	0.42	0.42	0.84	0.22	4.2	4.0	10.6
	8	20.06	2.16	2.27	4.43	0.71	0.68	1.40	0.36	4.7	1.2	5.5
	9	18.94	2.34	2.52	4.86	0.49	0.53	1.02	0.43	5.1	1.8	4.7
	10	14.97	2.35	2.19	4.54	0.56	0.59	1.15	0.54	6.3	1.9	4.3
	11	18.57	2.52	2.43	4.95	0.82	0.84	1.66	0.66	3.5	1.3	4.5
	12	19.95	2.20	2.15	4.36	0.69	0.58	1.28	0.40	5.4	1.6	5.8
	Mean	19.155	2.262	2.250	4.513	0.615	0.607	1.225	0.435	4.87	1.97	5.90*
±S.D.	2.455	0.181	0.208	0.366	0.151	0.143	0.289	0.151	0.97	1.03	2.38	
3	13	18.86	2.04	2.09	4.14	0.53	0.47	1.00	0.25	6.2	2.9	9.6
	14	19.44	2.78	2.77	5.54	0.49	0.51	1.01	0.40	6.5	2.5	4.2
	15	20.27	2.49	2.31	4.80	0.54	0.59	1.13	0.37	3.8	1.2	4.4
	16	13.72	1.81	1.92	3.74	0.74	0.78	1.52	0.48	6.2	1.1	6.0
	17	16.88	2.28	2.33	4.60	0.58	0.66	1.24	0.51	6.9	2.7	7.5
	18	22.77	2.51	2.58	5.09	0.85	0.87	1.72	0.58	20.4	1.9	5.0
	Mean	18.657	2.318	2.333	4.652	0.622	0.647	1.270	0.432	8.33	2.05*	6.12*
±S.D.	3.089	0.351	0.311	0.648	0.142	0.156	0.292	0.117	6.01	0.77	2.09	

Notes) Kidn.R : Kidney (Right) Kidn.L : Kidney (Left) Kidn.R&L : Kidney (Right&Left)
Epid.R : Epididymis (Right) Epid.L : Epididymis (Left) Epid.R&L : Epididymis (Right&Left)
Prost. : Prostate Sem.V. : Seminal vesicle Omentum : Omentum
Mes.adip. : Mesenteric adipose tissue (including mesenteric lymph node)

* P<0.05 : Significantly different from group 1.
Not significantly different from group 2.

Table 1-1 Clinical signs in male microminipigs

Study No. SBL703-023

Group	Animal No.	Sign code	Time	Day of dosing													
				1			2			3			4			5	
				0123456	7890123	4567890	1234567	8901234	5678901	2345678	9012345	6789012	3456789				
1	1			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	2	cG		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
		fB		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	3			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	4			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
2	5			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	6			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	7			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	8			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
3	9			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	10			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	11			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	12			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	13			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	14			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	15			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 cG:Lateral position fB:Hypothermia

Table 1-2 Clinical signs in male microminipigs

Study No. SBL703-023

Group	Animal No.	Sign code	Time	Day of dosing											
				7	8	9	10	1	2	3	4	5	6	7	8
1	1			0123456	7890123	4567890	1234567	8901234	5678901	2345678	9012345	6789012	3456789		
	2	cG		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
		fB		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	3			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	4		--	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
2	5			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	6			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	7			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	8			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	9			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
3	10			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	11			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	12			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	13			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	14			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
	15			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 cG:Lateral position fB:Hypothermia

Table 1-3 Clinical signs in male microminipigs

Study No. SBL703-023

Group	Animal No.	Sign code	Time	Day of dosing																											
				1				5				6				7				8				9				2			
				4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9		
1	1			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	2	cG		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
		fB		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	3			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	4			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	5			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
2	6			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	7			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	8			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	9			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	10			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
3	11			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	12			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	13			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	14			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				
	15			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----				

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 cG:Lateral position fB:Hypothermia

Table 1-4 Clinical signs in male microminipigs

Study No. SBL703-023

Group	Animal No.	Sign code	Time	Day of dosing																				
				2			3			4			5			6			7					
				1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3			
1	1			0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	
	2	cG		+																				
		fB		+																				
	3			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	4			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	5			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	6			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	7			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	8			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	10			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	11			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	12			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	13			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	14			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Notes) - : No abnormal signs + : Non-graded signs 1 : Slight 2 : Moderate 3 : Severe
 cG:Lateral position fB:Hypothermia

Table 2-1 Body weight (kg) in male microminipigs

Study No. SBL703-023

Group	Animal No.	Day-1	1w	2w	3w	4w	5w	6w	7w	8w	9w	10w	11w	12w	13w	
1	1	7.4	7.5	8.0	8.5	9.2	9.6	10.1	10.9	11.6	11.9	12.6	13.2	14.2	15.2	
	2	4.0	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.3	4.3	4.3	4.3	4.4	4.4	
	3	4.7	4.7	4.7	4.9	5.3	5.3	5.6	5.8	6.1	6.2	6.4	6.6	6.9	7.1	
	4	3.1	3.1	3.1	3.0	3.1	2.9	2.9	2.9	2.9	2.8	2.7	2.5	2.4		
	5	4.2	4.2	4.3	4.6	4.8	5.0	5.3	5.7	6.0	6.4	6.7	7.0	7.4	7.4	
	Mean ±S.D.	4.68 1.63	4.68 1.68	4.82 1.87	5.02 2.08	5.32 2.32	5.40 2.52	5.64 2.71	5.94 3.01	6.16 3.33	6.30 3.48	6.50 3.81	6.70 4.08	8.23 4.19	8.53 4.65	
2	6	6.3	6.4	6.9	7.4	8.0	8.6	9.3	9.9	10.5	11.4	12.3	13.1	14.1	15.1	
	7	4.5	4.5	4.7	5.0	5.2	5.5	5.8	6.1	6.4	6.9	7.4	7.7	8.1	8.7	
	8	3.9	3.9	4.0	4.1	4.4	4.4	4.7	4.8	4.9	5.1	5.3	5.5	5.8	6.1	
	9	3.9	3.8	3.9	4.1	4.2	4.4	4.4	4.8	5.2	5.3	5.7	6.0	6.3	6.7	
	10	5.0	5.0	5.2	5.5	5.9	6.2	6.5	7.0	7.4	7.9	8.4	9.1	9.7	10.3	
	Mean ±S.D.	4.72 1.00	4.72 1.06	4.94 1.22	5.22 1.36	5.54 1.53	5.82 1.73	6.22 1.88	6.60 2.03	6.90 2.24	7.40 2.48	7.88 2.75	8.34 2.99	8.88 3.27	9.46 3.53	
3	11	4.5	4.4	4.7	5.0	5.4	5.6	5.9	6.1	6.5	7.0	7.4	7.9	8.4	8.9	
	12	4.2	4.2	4.5	4.7	4.9	5.2	5.0	5.3	5.5	5.7	6.0	6.4	6.7	7.2	
	13	3.5	3.5	3.7	3.8	4.1	4.3	4.5	4.8	5.0	5.3	5.6	5.9	6.3	6.8	
	14	4.5	4.4	4.6	4.8	5.0	5.3	5.7	5.9	6.4	6.6	6.9	7.3	7.7	8.2	
	15	6.3	6.3	6.9	7.5	8.3	9.0	9.7	9.9	11.0	12.0	13.1	14.0	14.7	15.9	
	Mean ±S.D.	4.60 1.03	4.56 1.04	4.88 1.20	5.16 1.39	5.54 1.61	5.88 1.81	6.16 2.06	6.40 2.02	6.88 2.39	7.32 2.70	7.80 3.05	8.30 3.28	8.76 3.42	9.40 3.73	